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**JUL 02 2004**

**VIA FACSIMILE**

ATTENTION: Examiner Hai Chi Pham  
GROUP ART UNIT: 2861  
FIRM/CO. NAME: United States Patent and Trademark Office  
APPLICATION NO: 09/888,256  
FAX NO: (703) 872-9306  
FROM: Ashok K. Janah  
DATE: July 2, 2004  
AMAT REFERENCE NO: 004978 USA/ETEC/RWM

TOTAL NUMBER OF PAGES 19 (INCLUDING COVER PAGE)

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BUSINESS PHONE: (415) 538-1555 FACSIMILE NO: (415) 538-8380

**MESSAGE:**

Examiner Pham,

Attached is an Amendment in response to the non-final office action mailed on April 2, 2004, timely filed within three months thereof.

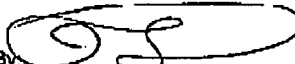
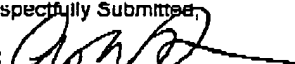
Thank you,

Hilde Susan Jaegtnes

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Howard et al. Application No.: 09/888,256 Confirmation No.: 8744 Filed: June 22, 2001 Title: ELECTRON BEAM PATTERNING WITH A HEATED ELECTRON SOURCE		Group No.: 2861 Examiner: Hal Chi Pham Attorney Docket No.: 004978 USA/ETEC/RWM July 2, 2004 San Francisco, California													
Commissioner for Patents VIA FACSIMILE: (703) 872-9306		<b>Extension of Term</b> <input type="checkbox"/> Applicant petitions for an extension of time under 37 C.F.R. 1.136													
<b>Papers Enclosed</b> <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Request for Continued Examination <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO-1449 Form <input type="checkbox"/> Citations <input type="checkbox"/> Declaration/Affidavit <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Postcard for Return		Extension (Months) <input type="checkbox"/> One Month <input type="checkbox"/> Two Months <input type="checkbox"/> Three Months	<table border="1"> <thead> <tr> <th colspan="2">Extension Fee</th> </tr> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>\$110</td> <td>\$55</td> </tr> <tr> <td>\$420</td> <td>\$210</td> </tr> <tr> <td>\$935</td> <td>\$475</td> </tr> <tr> <td colspan="2"><b>Total \$ 0.00</b></td> </tr> </tbody> </table> <input checked="" type="checkbox"/> Applicant believes that no extension of term is required. However, this conditional petition is being made in case applicant has inadvertently overlooked the need for a petition for extension of time.	Extension Fee		Large Entity	Small Entity	\$110	\$55	\$420	\$210	\$935	\$475	<b>Total \$ 0.00</b>	
Extension Fee															
Large Entity	Small Entity														
\$110	\$55														
\$420	\$210														
\$935	\$475														
<b>Total \$ 0.00</b>															

Fees for Extra Claims						
	Claims remaining after amendment	Highest number previously paid for	Number Extra	Rate		Additional Fee
				Large Entity	Small Entity	
Total Claims	38	38	0	\$18.00	\$9.00	0.00
Independent Claims	13	13	0	\$66.00	\$43.00	0.00
Multiple Dependent Claims				\$290.00	\$145.00	0.00
Supplemental Information Disclosure Statement						
<b>Total</b>						<b>\$0.00</b>
<b>Fee Payment</b>				<b>Fee Deficiency</b>		
Extension Fees		\$0.00		<input checked="" type="checkbox"/> If any additional extension and/or fee is required, please charge Deposit Account No. <u>10-0258</u> , and/or <input checked="" type="checkbox"/> If any additional fee for claims is required, please charge Deposit Account No. <u>10-0258</u> .		
Fees for Extra Claims		\$0.00				
Total		\$0.00				
<input type="checkbox"/> Attached is check no. _____ in the sum of \$0. <input type="checkbox"/> Please charge Deposit Account No. <u>10-0258</u> in the sum of \$0.00. <b>CERTIFICATE OF TRANSMISSION (37 C.F.R. § 1.8a):</b> I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at Fax No. (703) 872-9306 on the date shown below. By:  Hilde Susan Jaegtnes				Please direct all telephone calls to: Ashok K. Janah at (415) 538-1555 Please continue to send correspondence to: Applied Materials, Inc. Patent Department, M/S 2061 P.O. Box 450A Santa Clara, CA 95052 Respectfully Submitted, By:  Ashok K. Janah Registration No. 37,487		
Date: July 2, 2004				Date: July 2, 2004		

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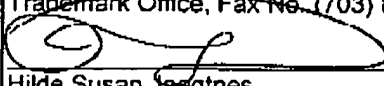
AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

Commissioner for Patents

VIA FACSIMILE  
(703) 872-9306

Examiner Pham:

This amendment is in response to the non-final office action mailed on April 2, 2004, and is being timely filed within three months thereof.

Certificate of Transmission	
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (703) 872-9306 on the date shown below.	
 Hilde Susan Jaegtnes	Date: <u>July 2, 2004</u>

S:\CLIENT\APPLIED\ETEC\beam ELBM4978\AMEND.004.doc